

10584940 PCT/JP01/PTO 05 JUL 2006

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Taku IBUKI et al.

Application No.: New U.S. National Phase of  
PCT/JP2005/002188

Filed: July 5, 2006

Docket No.: 128601

For: METHOD OF ESTIMATING TEMPERATURE OF GAS MIXTURE FOR INTERNAL  
COMBUSTION ENGINEINFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

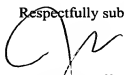
Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 4 and 5.
- ☒ 3. One or more reference cited herein was cited in the International Search Report. A copy of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, a copy of each reference is already in the PTO file. Thus, no copy of any such reference is attached. See References 1, 3, 4, 6, and 7.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. An English language Abstract of one or more non-English language reference is attached hereto. See Reference 4.

## Application No. New U.S. Patent Application

- ☒ 6. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 4.
- ☒ 7. Reference 2 corresponds to reference 3.

Respectfully submitted,

  
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JAO:JOC/jtp

Date: July 5, 2006

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APPROPRIATE TO 05 JUL 2006

Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 128601		APPLICATION NO. New U.S. National Phase of PCT/JP2005/002188	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							
APPLICANTS Taku IBUKI et al.							
FILING DATE July 5, 2006							
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
	1	6,530,361 B1	03/11/2003	SHIRAIISHI et al.			
	2	2004/0025838 A1	2/12/2004	FUWA et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
	3	EP 1 342 899 A1	9/10/2003	Europe			
	4	JP A 2001-254645	9/21/2001	Japan	X	X	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
	5	Yutaro Wakuri et al., "Studies on the Penetration of Fuel Spray of Diesel Engine," The Transactions of the Japanese Society of Mechanical Engineers, 25-156, pp. 820-826, 1959.					
	6	C. Eiglmeier et al. "A Detailed Phenomenological Model for Wall Heat Transfer Prediction in Diesel Engines," Proceedings Automotive and Transportation Technology Congress and Exhibition, Barcelona, Spain, October 1-3, 2001, SAE, pp. 1-14, October 1, 2001.					
	7	A. Laudenbach et al., "Real Time Heat Release Calculation For Combustion Engines," Proceedings of the International Symposium on Automotive Technology and Automation (ISATA). Florence, May 20-24, 1991, Croydon, Automotive Automation, GB, vol. SYMP. 24, pp 733-740, May 20, 1991.					
EXAMINER				/Gail Verbitsky/			
DATE CONSIDERED				03/05/2009			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 5, 2006

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.V./